PIONEER®

SERVICE INFORMATION

No. SI-F84001
Date: October, 1983

FINE ADJUSTMENT OF GRATING OBSERVING LISSAJOUS FIGURES

MODEL: PR-7820 (ART-427)

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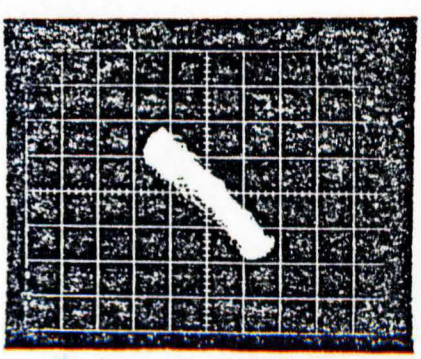
If picture skips while playing a CLV disc, fine readjustment of Grating is required. Conventionally, the adjustment was made by finding the point where the amplitude of TRKG-ERROR signal becomes maximum. Now, precise and easy adjustment is obtainable by observing Lissajous figures.

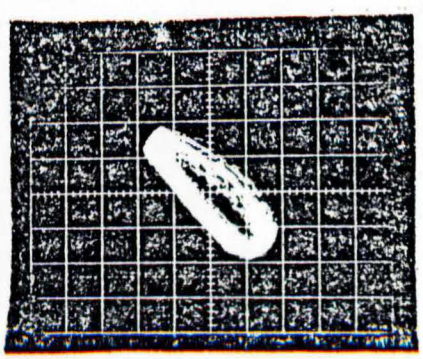
PROCEDURE:

1. Adjust Grating by the conventional method and find the point where TRKG ERROR signal becomes maximum.
2. Apply TRKG-ERROR-A and TRKG-ERROR-B listed below to CH-1 and CH-2 of an oscilloscope, respectively.
3. Select X-Y MODE and observe Lissajous figure.
4. Slowly turn Grating, making sure the phase difference between TRKG-ERROR-A and TRKG-ERROR-B is 180 degrees.

TRACKING ERROR	----------	TP-1
TRACKING ERROR A	----------	TRKG 3 Pin
TRACKING ERROR B	----------	TRKG 4 Pin



CORRECT



INCORRECT

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(J-W-F)

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